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Red Spherolite in Green Glass, by M. A. Bezborodov, V. V. Lapin.

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Dust and Gas in Interstellar Space, by A. I. Lebedinsky, 4 pp. UNCLASSIFIED

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Optical Method of Studying Silicon Organic Compounds. The Additivity of the Intensities of the Characteristic Frequencies in the Raman Spectra of Light of Allylsilanes, by Bazhulin, Yegorov, Mironov. 3 pp

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Effects of Nonlinear Properties of the Ionosphere on Radiowaves, by Vilensky

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The Electron Component and the Origin of Cosmic Rays, by V. L. Ginzburg, M. I. Fradkin, 5pp

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Limits of Applicability of the Theory of Bremsstrahlung Electrons and Pair Production for High Energies, by L. Landau, I. Pomeranchuk.

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Electron-Optical Method for Imaging Objects With Magnetic Nonhomogeneities, by Spivak, et al.

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Polarized Luminescence of F-Centers in CaF_2, by Feofilov

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Photochemical Transformation of F-Centers in KCl Crystals at High Temperatures, by Shatalov

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Investigation of the Emission of Electrons During the Splitting of Solids Under a Vacuum, by T. A. Krotova, V. V. Karasev, 10 pp

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Correlation Methods in the Study of Earthquakes, by G. A. Gamburtsev, 10 pp.

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The Existence of Unstable Charged Particles With Mass Exceeding the Mass of a Proton, by Alikhanyan, et al. 3 pp

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A Generalized Equation for the Transformed Density Function, by Vainshtein

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The Statistical Mechanism of the Acceleration of Particles on the Sun and in Stellar Shells, by Ginzburg

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Interaction of Gravitation With a Particle Vacuum,
by Ivanenko, Brodsky

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Electron-Cascade Processes at Very High Energies
by Landau, Pomeranchuk.

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Polarization of the Luminescence of F-Centers in Crystals of Alkali Halides, Feofilov

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A Solution of the Integral Eugation of a Linear Antenna, by Bakhrakh.

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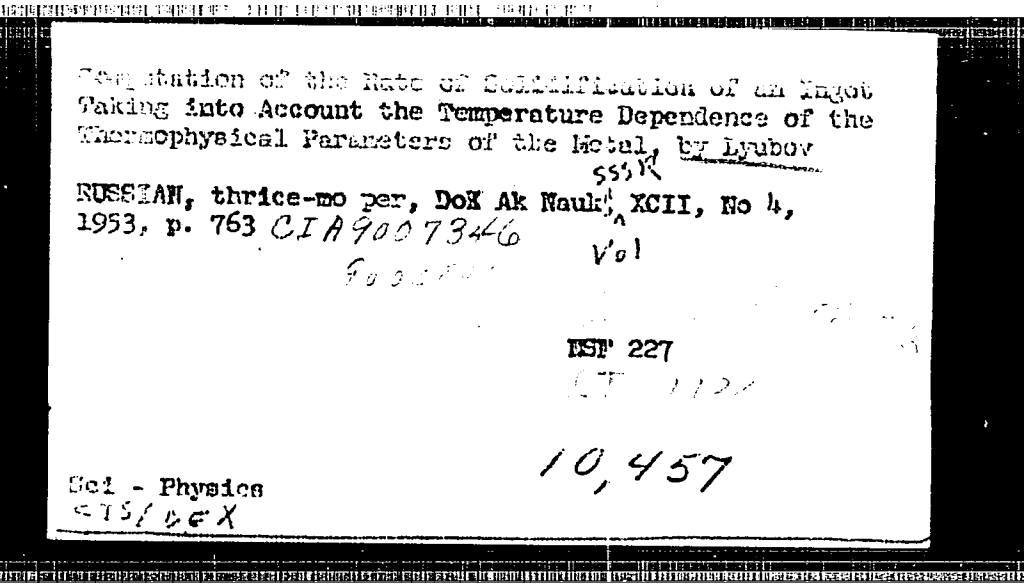

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Chromatographic Separation of Molybdenum and Rhenium, by D. I. Ryabchikov, A. I. Lazarev, Sp.
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Investigation of the Absorption of Ultrasound in a Number of Saturated Hydrocarbons by the Impulse Method, by N. I. Koshkin, V. F. Nozdrev,

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Formation and Breakdown of Welding Bridges Between Friction Surfaces, by M. P. Levitskiy.

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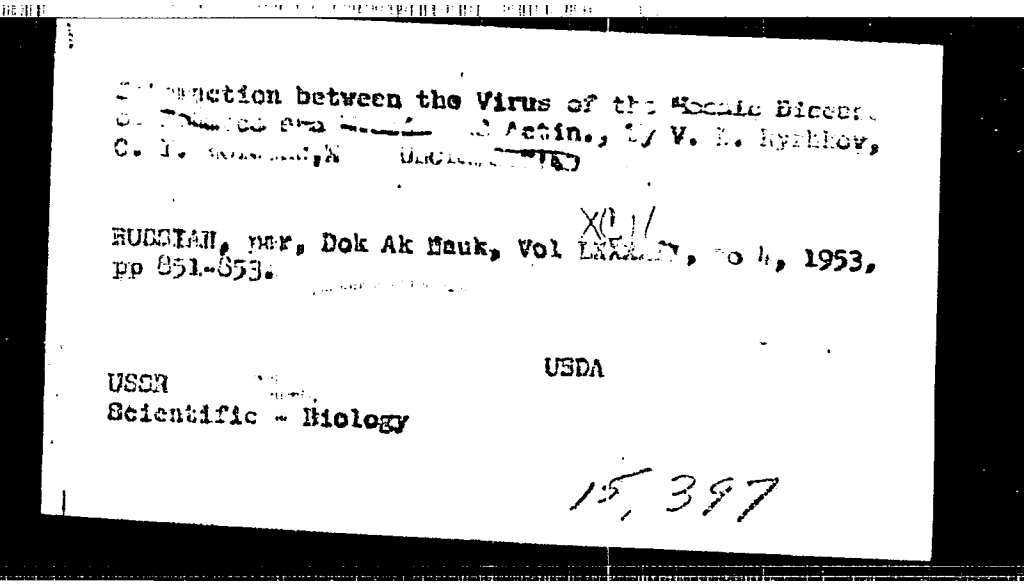

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Dynamics of Diffuse Nebulae, by A. I. Lebedinsky, 4 pp. UNCLASSIFIED

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Spectrophotometric Methods for Determining the Intensity, Form, and Width of Infrared Absorption Bands of Liquids, by Iogansen

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On the Formulation of Rules for the Filling of Electron Levels, by Klechkovsky

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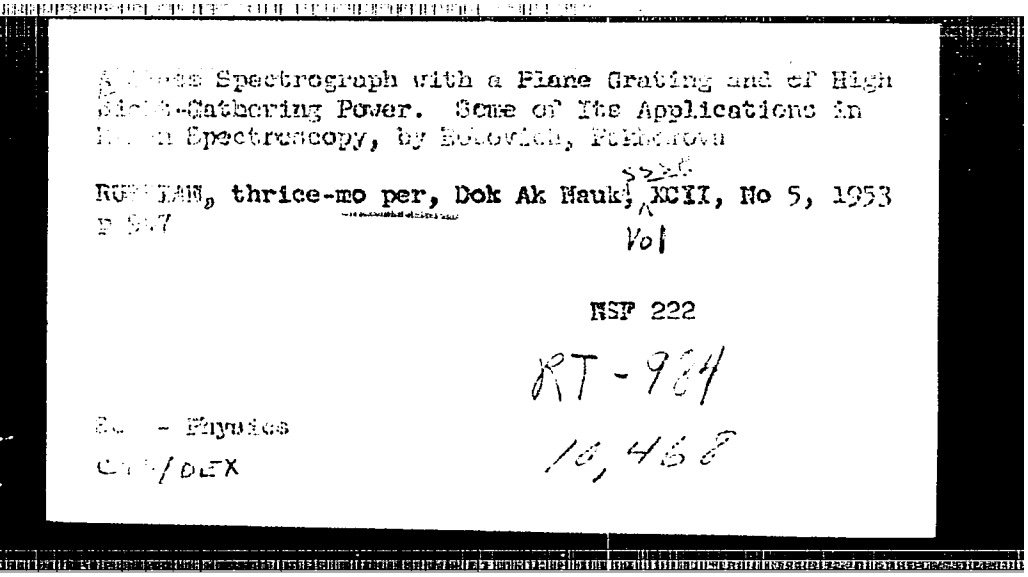

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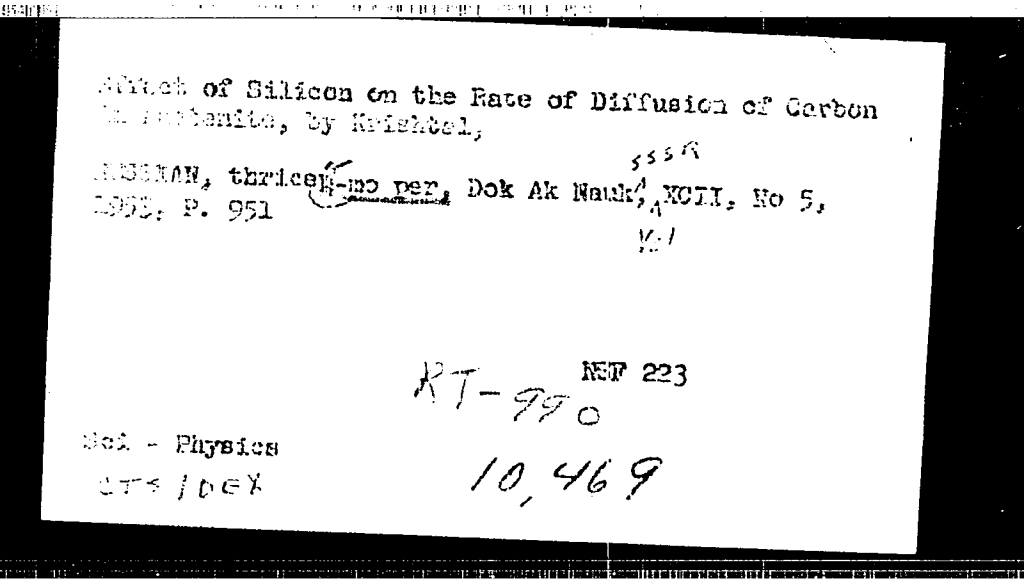

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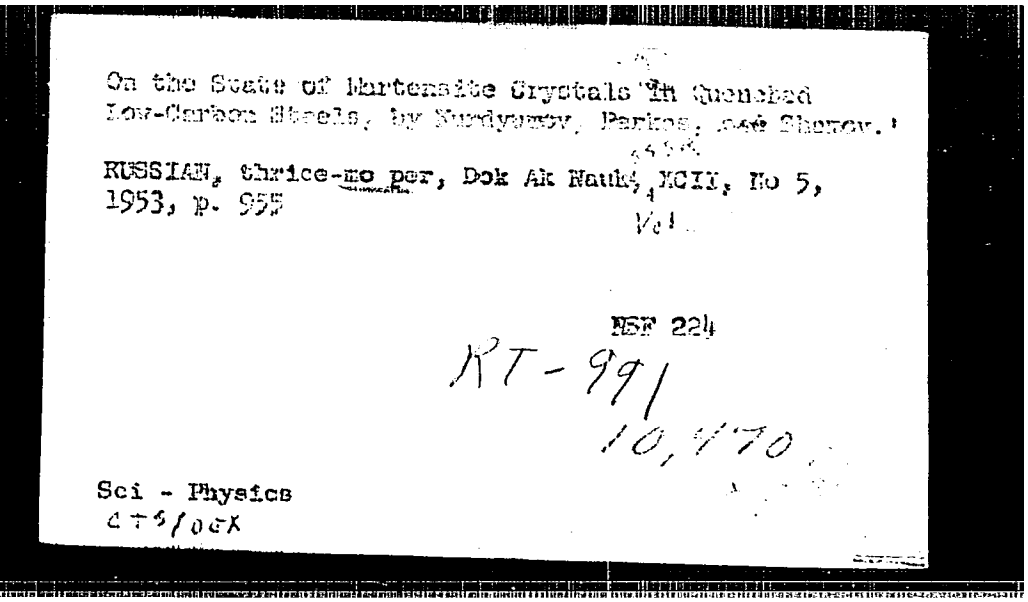

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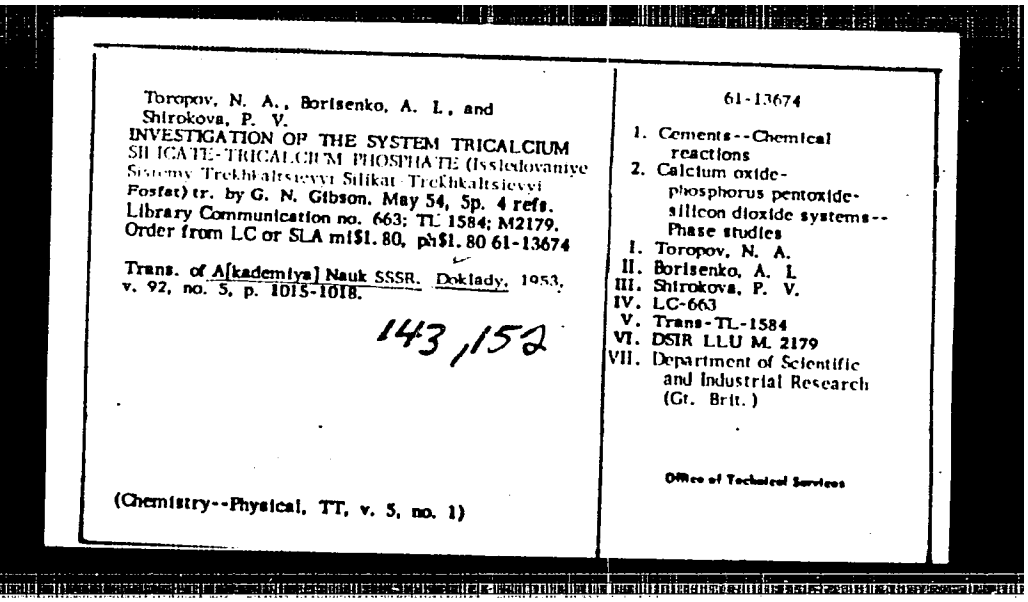

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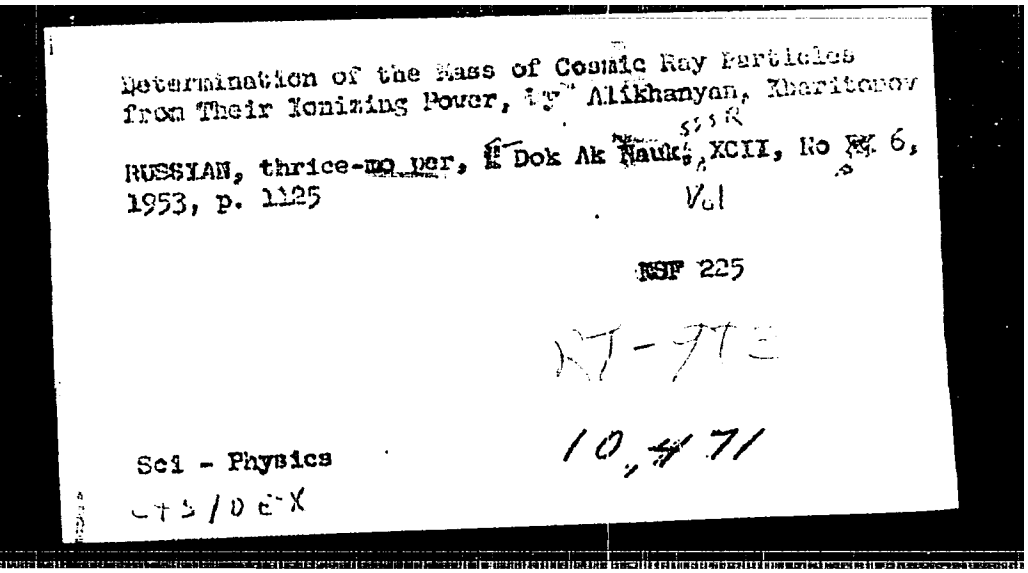

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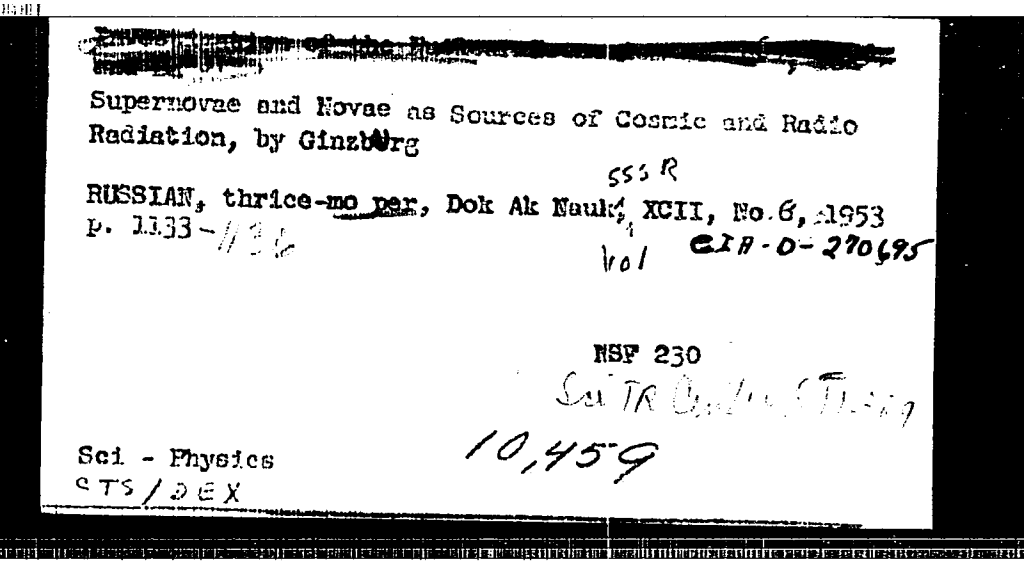

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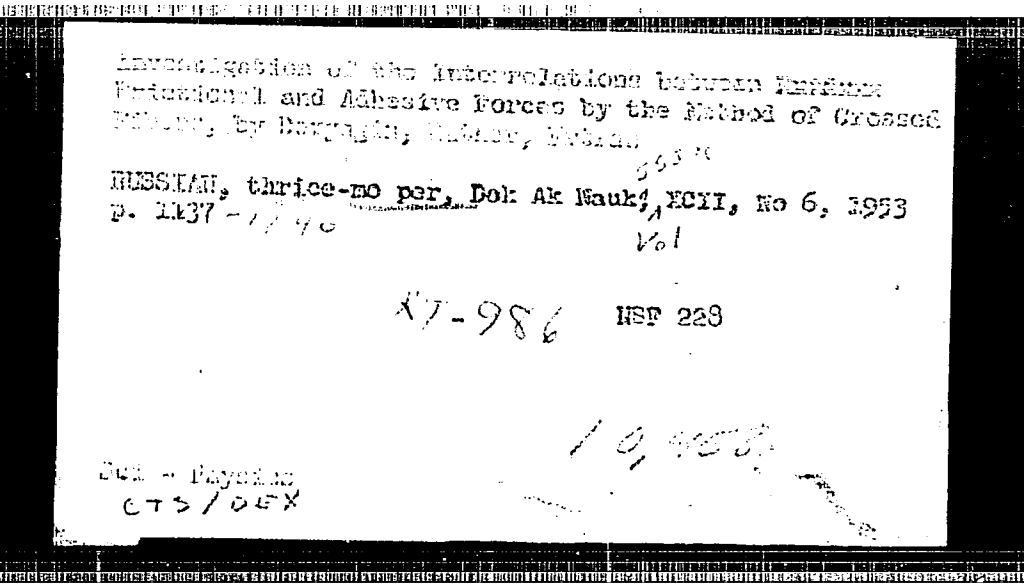

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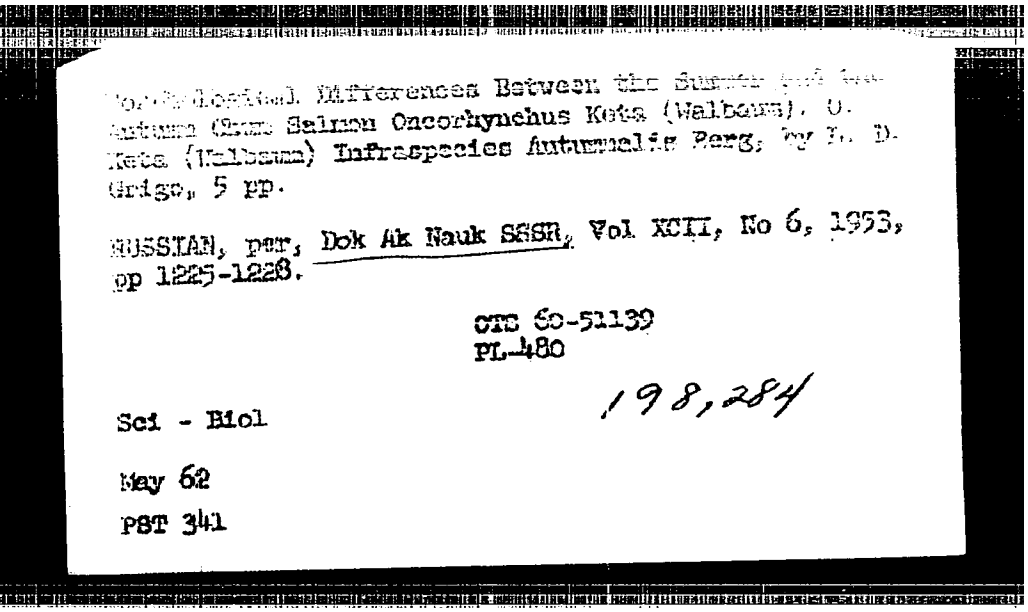

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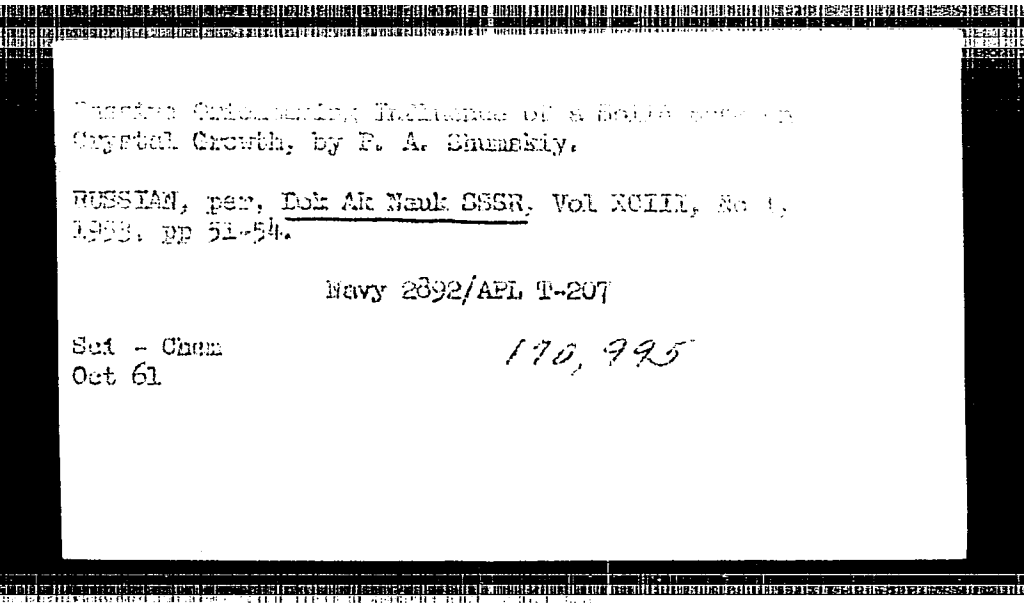

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